

RIKEN Clone ID : IRAK134G04

Lot#: 7893_B2Ep

Vector : pCMV-SPORT6

Gene	GSC	
Accession No.	BC063580.1	1105 bp
	CDS	774 bp

● Plasmid DNA purification

Date : 22-05-25

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 22-05-26

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 22.05.26

DNA concentration (O.D.): 296 ng/ul

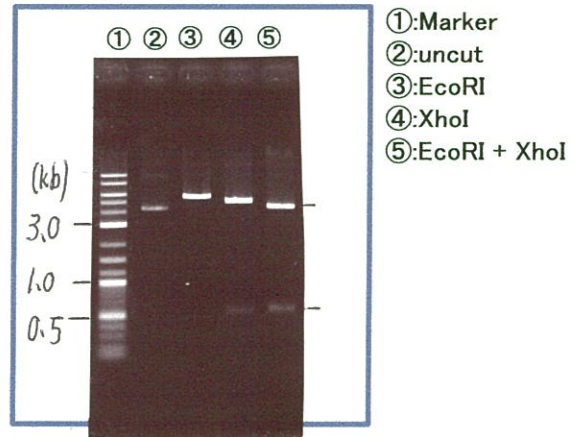
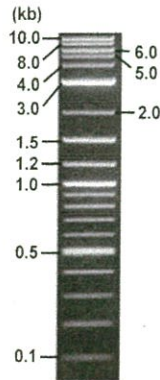
< Size of fragment expected from this clone >

DNA	0.3	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.7	ul
Total	10	ul

EcoRI	5.5	kb	
XhoI	4.9, 0.6	kb	
EcoRI + XhoI	4.3kb (Vector)	0.6, 0.6	kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



● Adjust plasmid DNA solution to 25 ng/ul

Date : 22,05,31

DNA (<u>296</u> ng/ul)	90.0	ul
10x TE	106.5	ul
dH ₂ O	869.1	ul
Total	1065.6	ul

● Confirmation of the insertion sequence

Date : 22.05.30

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul

APPROVED BY :

<http://dna.brc.riken.jp/index.html>



S/N G:306 A:198 T:117 C:367

Primer A : Reverse2

7893_IRAK134G04_B2Ep_Reverse2

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

May 27, 2022 01:34PM, JST

KB.bcp

Pts 1484 to 11854 Pk1 Loc:1467

May 27, 2022 01:55PM, JST

KB 1.4.1.8 Cap:24

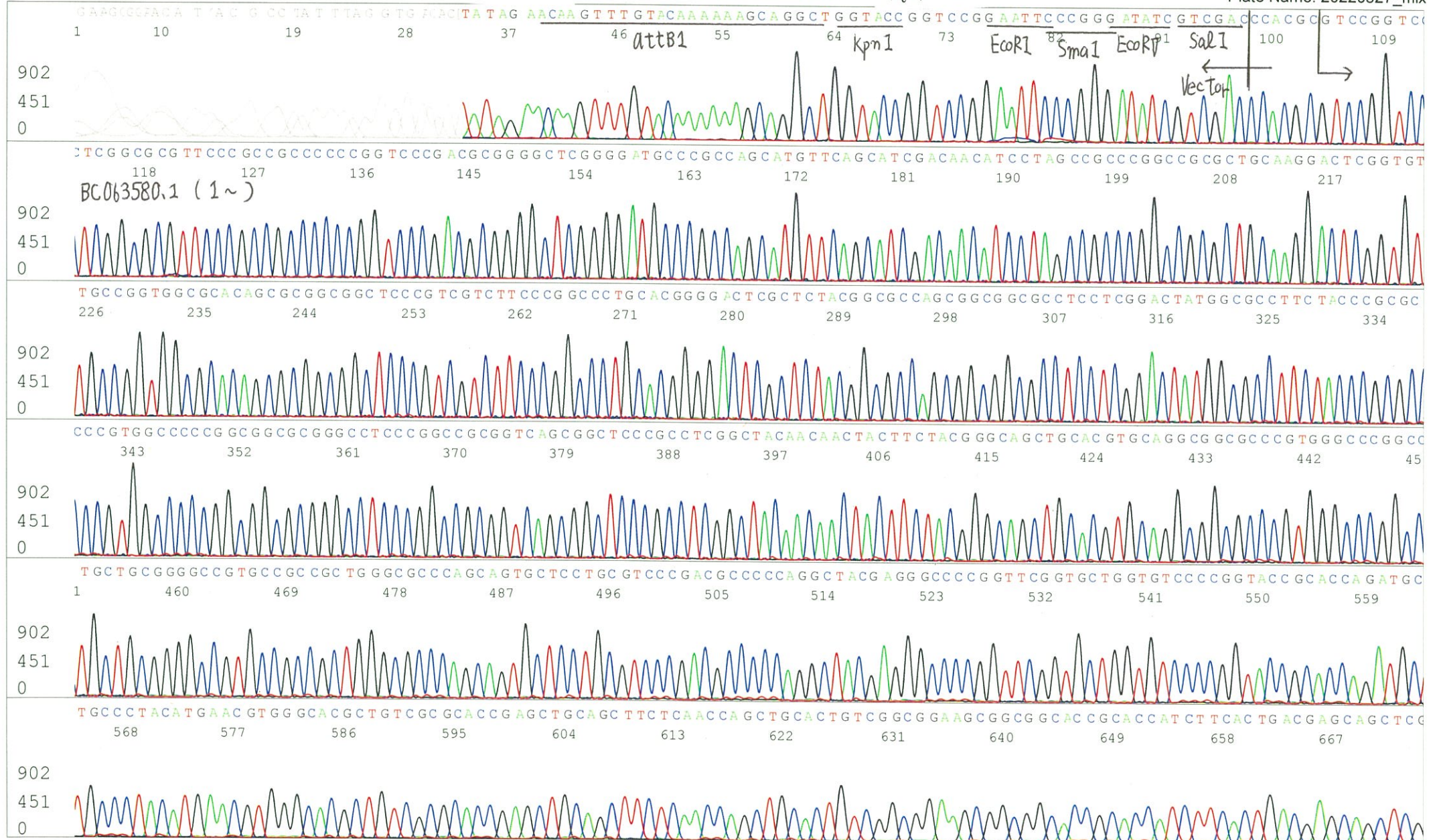
5' GCGGATAACAATTTTCACACAGG 3'

Version 6.0 HiSQV Bases: 801

(QV) < 40.

Spacing:13.09 Pts/Panel1350

Plate Name: 20220527_mix



S/N G:88 A:71 T:76 C:133
KB.bcp
KB 1.4.1.8 Cap:11

Primer B : M13

5' GTTTTC⁵⁵CCAGTCACGACGTTGTA 3'

Gray line indicates quality value
(QV) < 40.

